



CITY OF HOUSTON

Job Posting

1	Applications accepted from:	All PERSONS INTERESTED
2	Job Classification	GRADUATE ENGINEER-MULTIPLE POSITIONS
3	Posting Number	PN# 110813
4	Department	Public Works & Engineering
5	Division	Traffic & Transportation
6	Section	Traffic Signal Operations
7	Reporting Location	Houston TranStar
8	Workdays & Hours	8:00am – 5:00pm, Monday - Friday
		*
		*Subject to change

9 **DESCRIPTION OF DUTIES/ESSENTIAL FUNCTIONS**

Provides engineering assistance in identifying, evaluating, managing and rehabilitating various facilities and systems, related to traffic engineering and Intelligent & Transportation systems. Primary focus will be assisting with communications between traffic signal system and the regional traffic management center, Houston TranStar. Conducts, reviews, inspects and analyzes field and project studies to ensure compliance with plans, contracts, regulations, etc. Develops, evaluates and/or designs new layouts, drawings, plans, specifications, etc. Performs and reviews several types of engineering calculations to develop statistical data. Assists in preparing project schedules and estimates construction cost and construction time. Researches, analyzes and prepares various records, report, alternative solutions and other data. Documents projects to ensure quality. Investigates and/or responds to inquiries from technical personnel and the general public on design criteria and project specifications. Maintains, monitors and applies operating procedures to enhance functioning of facilities and systems. May assist in the scheduling and development of field technicians.

10 **WORKING CONDITIONS**

A significant portion of this work occurs in the field under most weather conditions and occurs in close proximity to moving vehicular traffic. Standing and walking moderate distances over uneven terrain is common.

11 **MINIMUM EDUCATIONAL REQUIREMENTS**

Requires graduation from an approved curriculum in engineering that is approved by the State Board of Registration for Professional Engineers as of satisfactory standing.

OR

Requires graduation from an engineering or related science curriculum at a recognized institution of higher education, other than a curriculum approved by the Board and passage of the eight-hour fundamentals of engineering examination prescribed by the board.

OR

Possession of valid Engineering-in-Training Certificate issued by the Board under the current requirements of the Texas Engineering Practice Act.

12 **MINIMUM EXPERIENCE REQUIREMENTS**

No experience is required.

13 **MINIMUM LICENSE REQUIREMENTS**

Valid Texas Driver’s License and compliance with the City of Houston policy on driving (AP 2-2).

14 **PREFERENCES**

Demonstrable knowledge of the Texas Manual on Uniform Traffic Control Device (T.M.U.T.C.D)

15 **SELECTION/SKILLS TESTS REQUIRED**

None

However, the Department may administer a skill assessment evaluation.

16 **SAFETY IMPACT POSITION**

☒ Yes ☐ No

If yes, this position is subject to random drug testing and if a promotional position, candidate must pass an assignment drug test.

17 **SALARY INFORMATION**

Factors used in determining the salary offered include the candidate’s qualifications as well as the pay rates of other employees in this classification. The salary range for this position is:

<u>Salary Range - Pay Grade 22</u>		
\$1,277 - \$1,833	Biweekly	\$33,202 - \$47,658 Annually

18 **OPENING DATE**

June 7, 2006

19 **CLOSING DATE**

Open Until Filled

20 **APPLICATION PROCEDURES**

Original applications only and resumes are accepted and must be received by the Human Resources Department during posting opening and closing dates shown, between 9:00 a.m. and 4:30 p.m. at 611 Walker St., 1st floor. **Our TDD (Telephone Device for the Deaf) phone number is (713) 837-9471. For application status inquiries, please call (713) 837-7417. All new and rehires must pass a pre-employment drug test and are subject to a physical examination and verification of information provided.**

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